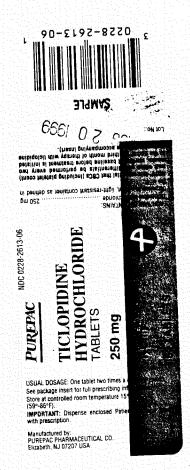
# CENTER FOR DRUG EVALUATION AND RESEARCH

**APPLICATION NUMBER: 75-253** 

# **PRINTED LABELING**



IDINE
CHLORIDE

SAMPLE

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و سو هد PUREPAC

NDC 0228-2613-06

PUREPAC

TICLOPIDINE

HYDROCHLORIDE

TABLETS

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## IMPORTANT INFORMATION ABOUT TICLOPIDINE L'YDROCHLORIDE TABLETS

Revised — August 1998

(a condition called neutropenia). This (a condition called neutropenia). This occurs in about 2.4% (1 in 40) of people on ticloptine. You should be on the lookout for signs of infection such as lever, chills or sore throat. If this problem is caught early, it can almost always be reversed, but if undetected it can be fatal.

Revised — August 1998

The information in this leaflet is intended to help you use ticlopidine hydrochloride sately. Please read the leaflet carefully. Although it does not contain all the detailed medical information that is provided to your doctor, if provides tacts about ticlopidine hydrochloride that are important for you to know. If you still have questions after reading this leaflet or if you have questions at any time during your Ireatment with ticlopidine hydrochloride. Special Warning for Users of Ticlopidine Hydrochloride is recommended to help reduce your risk of having a stroke, but only for patients who have had a stroke or early stroke warning symptoms white on aspirin, or for those who can take sapririn to prevent a stroke because life-threatening blood problems. Ticlopidine hydrochloride is not prescribed for those who can take aspirin to prevent a stroke because life-threatening blood problems. Gatting your blood tests done and reporting symptoms to your dector as some)lealions.

The white cells of the blood that fight infection may drop to dangerous leveis.

reason within the first 3 months, you will still need to have your blood tested for an additional 2 weeks after you have stopped taking ticlopidine hydrochloride.

stopped taking ticlopidine hydrochloride.

Other Warnings and Presautions: A few people may develop jaundice while being treated with ticlopidine hydrochloride. The signs of jaundice are yellowing of the skin or the whites of the eyes or consistent darkening of the urine or lightening in the color of the stools. These symptoms should be reported to your physician promptly. If any of the symptoms described above for neutropania, TTP or jaundice occur, contact your doctor immediately.

Ticlopidine hydrochloride should be used any as directed by your doctor. Do not give ticlopidine hydrochloride to anyone else. Keep ticlopidine hydrochloride out of reach of children Some people may have such side effects as diarrhea, skin rash, stomach or intestinal discomfort. If any of these problems are persistent, or if you are

problems are persistent, or if you are concerned about them, bring them to

concerned about them, bring them to your doctor's attention. It may take longer than usual to stop bleeding when taking ticlopidine hydrochloride. Tell your doctor if you have any more bleeding or bruising than usual, and, if you have emergency surgery, be sure to let your doctor or dentist know that you are taking ticlopidine hydrochloride. Also, tell your doctor well in advance of any your doctor well in advance of any planned surgery (including tooth extraction), because he or she may recommend that you stop taking ticlopidine hydrochloride temporarily.

Haw Ticlopidine Hydrochloride Works

How Ticlopidine Hydrochloride Works:
A stroke occurs when a clot (or thrombus) forms in a blood vessel in the brain or forms in another part of the body and breaks off, then travels to the brain (an embolus). In both cases the blood supply to part of the brain is blocked and that part of the brain is damaged. Ticlopidine hydrochloride works by making the blood less likely to clot, although not so much less that it causes you to become likely to bleed, unless you have a bleeding disorder of some injury (such as a bleeding ulcer of the stomach or intestine) that is especially likely to bleed. especially likely to bleed.

Who Should Not Take Ticlopidine Hydrochloride? Contact your doctor immediately and do not take ticlopidine hydrochloride if:

- · you have an altergic reaction to ticlopidine hydrochloride
- you have a blood disorder or a serious bleeding problem, such as a bleeding stomach ulcer
- you have previously been told you had TTP
- you have severe liver disease or other liver problems
- you are pregnant or you are planning to become pregnant
- · you are breastfeeding

Manufactured by: PUREPAC PHARMACEUTICAL CO. Elizabeth, NJ 07207 USA

Revised -August 1998

WARNING:

Ticlopisine infrachioride can cause life-investiming hometalogical powerse reactions, including neutropealulageautopiasis and formation control of the property of the control o

Aboritoring of Clinical engineer. Status: Severe hematological private machine may be as high as one case in over Monitoring of Clinical and Hematologic Status: Severe hematological private machine may be applied to the status of the private may be applied to the status of the private may be applied to the status of the st

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DESCRIPTION:
Trippdine hydrochlonde is a plateet appregation inhibitor. Chemically it is 5-((2-chlorophamylymethyl)-4.5.6.7tetrahydrothieno [3.2-c] pyridine hydrochlonde. The structural formula is

Ticlopidine hydrochloride is a whole crystalline solid it is freely soluble in water and self-buffers to a pit of 3.6 it also dissolves freely in methanor is sparnolly soluble in methylene chloride and entands, sightly soluble in acetione and insoluble in a blief on oil pit 5.3. It has a molecular weight oil 300.75. Addition, such stated contains the oil and animalization contain 2.5 mg of siclopidine hydrochloride to oil administration contains 2.5 mg of siclopidine hydrochloride processing macritise ingredents: calcium sizerate, colloidal suicon dioxide crospovidione hydrochloride hydrochloride processing methylecibides lactose monophysias, matrodextrin. CLINICAL PHARMACOLODY.

microcystalline cellulose polydestrose. Bolyethylene glycol, italianum diouse, and tracettain. matrodestrin. CCLINICAL PHARMACOLOGY.

Mechanism of Action: When lakes norsily, iccordine hydrochloride causes a time-and dose-dependent inhibition of both pastelle appreciation and release to ballete pratitive constituents as well as a prolongation of beeding time. The intact drug has no sponificant into activity at the concentrations attained in vivo, and activity of licitograme has been societed as the second of the concentrations attained in vivo, and activity of licitograme has been societed as the second of the concentrations attained in vivo, and activity of licitograme has been societed and the second of the concentrations attained which accounts for the ADP-induced in particulation interferes with platester membrane function by interference of the particulation of the patients as shown both by persistent inhibition of binning and buffered medium.

after washing plateets at vivo and by inhibition of plateet aggregation after resuspension of plateets in buffered medium and the plateets and destablishment of plateets in buffered medium is a single 250-mg does iclopeding hydrochiones is action as some 250-mg does iclopeding hydrochiones is action as some 250-mg does incloped is extensively metabolized expoperion in greater than 80%. Administration after mean zeros and care as a single 250-mg does it about a crease in the ALC of telepoline propriet in a 80%. Administration after mean zeros and care as a single 250-mg does it about 12.6 hours with repeal dosing at 250 mg dot the terminal elimination and citatractic decreases markedly on 12.6 hours with repeal dosing at 250 mg dot the terminal elimination and elimination 250-mg dose it about 12.6 hours with repeal dosing at 250 mg dot the terminal elimination and elimination and support the sound of the support that is a contained after a supple 250-mg dose it about the support that is a contained as a supple 250-mg dose it about the support of the support of the support that is a contained as a supple 250-mg dose it about the support of the s

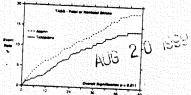
Hepatically impaired Patienters: The effect of decreased hepatic function on the pharmacounertic of including hydrochronic was studed in 17 patients with advanced crimbos. The average passma concentration of incloding in in lines subjects was slightly higher than that seen in older subjects in a separate trial (see

of ticlopdune in lines subjects was slightly higher than that seen in older subjects in a separate trial (see COMTRAINDIGATIONS).

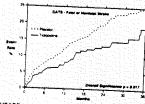
Renally Impaired Patients: Patients with mildly (Ccr 50 to 80 mL/min) or moderately (Ccr 20 to 50 mL/min) manager that function of the command to normal subjects (Ccr 80 to 150 mL/min) as abusy or the patients of the command of the patients of the concentrations of unchanged telepolation layor detects of tillidoption hyproclinoride weter impaired patients of the concentrations of unchanged telepolation hyproclinoride weter impaired after a single 250-mg does and after the ACC values of ticlopidine increased by 28°, and 52°, respectively. But there were no claimstraily hapinicant differences in Afford decreased by 38°, and 52°, respectively. But there were no claimstraily hapinicant differences in Afford decreased by 38°, and 52°, respectively. But there were no claimstraily hapinicant differences in Afford decreased by 38°, and 52°, respectively. But there were no claimstraily hapinicant differences in Afford decreased by 38°, and 52°, respectively. But there were no claimstraily hapinicant differences in Afford decreased by 38°, and 52°, respectively. But there were no claimstraily hapinicant differences in Afford decreased by 38°, and 52°, respectively. But there were no claimstraily hapinicant or an Afford decreased in Afford decreased by 38°, and 58°, respectively. But there were no claimstraily hapinicant differences in Afford decreased by 38°, and 58°, respectively. But there were no claimstraily happened and produced not one claimstraily and the second command the second command the second command and the second command t

CLINICAL TRIALS:

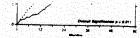
The effect of Incipoline on the risk of stroke and cardiovascular events was studied in two multicenter reactionized observable from the effect of Incipoline on the risk of stroke procurages: In a trial comparing belopidine and assurin (The strougher Approximation Stores Study 17 ASS). 3069 patients 1967 min 1002 indexent who had experienced such produced as transient schemic attack (TA). Iransent monocular series as transient schemic attack (TA). Iransent monocular series as familiaries topical in the effect of minor stroke were randomized to including a familiaries topical schemic and the strong produced to the experience of the control of the experience of the duration of the study. In 10 30 and produced to the experience of the duration of the study. In 10 30 and produced to the experience of the study o



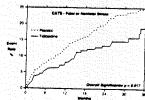
2. Study in Patients Who had a Completed Atherothrombotic Stroke: In a trial comparing incloudine with placebol (The Canadian America: Ticlopidine Study or CATS) 1073 patients who had experienced previous attendinombotic stroke were treated with belopidine hydrochlonde 250 mg bid of placebol. Discipidine hydrochlonde 250 mg bid of placebol. Discipidine hydrochlonde 250 mg bid of placebol. Discipidine hydrochlonde significantly reduced fine overall risk of stroke by 24% (p = 017) from 24.5 to 18.5 per 100 patients followed for 3 years compared to placebol. During the first year the reduction in risk of latal and nonlitate stroke over placebol was 33%.



INDICATIONS AND USAGE:
Ticlipidine hydrochionoe is inocated to reduce the risk of thrombotic stroke (lata) or nontiatal) in patients who have had a completed thrombotic stroke. Because incopione hydrochionoe is associated with a risk of life-invalenting blood dyscrasiss including thrombotic thrombocytopenic purpura (TTP) and neutropenia/agranulocytosis (see BORED MARNINGS and WARNINGS). Incopring hydrochionide should be reserved for patients wing are important.



2. Study in Patients Who Mad a Completed Atherethrombotic Stroke: in a trui companing licipoline with placeto (The Canadian American Ticlopidine Study or CATS) 1073 patients who had experienced a previous atheretimomotic stroke were trained with biologidine mylorizonione 250 mg biol or pacet stroke were trained with biologidine mylorizonione 250 mg biol or paceto. Ticlopidine mylorizonione significantity resourced the overall risk of stroke by 24% (p = 0.17) from 24 6 to 18 5 per 100 patients biological Collegione. Mylorizonione mylorizoni



## INDICATIONS AND USAGE

HOICATIONS AND USAGE:

Tacipatine indirectioning is indicated to reduce the risk of thromboric stroke (fast) or nontast) in patients who have became to reduce the risk of thromboric stroke. The patients who have becames the risk of th

## WARNINGS:

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WARNINGS: Memartological Adverse Reactions: Neutropena: Neutropena may occur suddenly. Bone-marrow exam-nation typically shows: a deduction in myeloid precursors. After withdrawal of belopidine, the neutrophal count souldy rises to >1200/mmm within 1 to 3 weeks.

Hemstological Adverse Reactions: Nutropenis Neutropenis may occur suddenly. Bone-marrow examination typically shows a reduction in misead precursors. After withdrawal of techniques in the security should be supported to a security rises to 1200/mm² within 10.3 weeks.

Triamboric/propenis Rarely immonocytopenis may occur in apidation or together with neutropenia. Triamboric/propenis promocytopenis may occur in another in the international process apport of the support of the support

DECOMPTIONS:

BECAUTIONS:

Becaution in palients who may be at risk of increased with caution in palients who may be at risk of increased and increased increased.

# PHARMACIST — DETACH HERE AND GIVE PATIENT INFORMATION SHEET TO PATIENT

The information in this leaser is introduced to help you this leaser is indicated to help you this leaser is indicated to help you this leaser is indicated to help you this leaser indicated the leas

occurs on about 2 seriopsess) The occurs on about 2 seriopsess (1 serio of the seri

MAPORTANT INFORMATION ABOUT TICLOPIDINE HYDROCHLORIDE TABLETS

bleeding from trauma, surgery or pamological conditions. If it is desired to eliminate the antipatetel effects of fictopidine hydrochloride prior to elective surgery, the origi should be discontinued 10 to 14 days prior to surgery. Several controlled crinical studies have found increased surgical model lies in patients unexporting surgery downline fieatiment with including in 17 MSS and CATS II was recommended that patients inaverable including discontinued prior to electromagnetic surgery Several hundred patients suppressed that patients inaverable and not excessive surgical belonging was reported.

Patient resistance in the surgery several hundred patients suppressed to 20 mg meaning applications of the surgery designation of 20 mg meaning applications. The patient resistance is a surgery several hundred surgery surgery several productions and surgery several hundred patients surgery to 20 mg meaning patients and surgery several productions.

avoided: a Bleeding: Isciopidine hydrochioride prolongs template bleeding time. The drug should be used with caution in patients who have essons with a propensity to breed issuch as users. Drugs this might induce such essons should be used with qualitien in patients on licitopidine hydrochioride see Colf Transloctarions.

Use in Hepatically Impaired Perientes: Since tolopidine is metabolized by the live: dosing of ticlopidine hydrochioride or other or drugs metabolized in the liver thay require adjustment upon starting or stopping concomitant therapy. Because of hinted experience in patients with severe hepatic devastes who may have beening distributed. If the user of ticlopidine hydrochioride is severe hepatic devastes who may have beening distributes. The user of ticlopidine hydrochioride is not recommended in this population (see CLINICAL PHARRAGOLOGY and CONTRAINICIATIONS).

Use in Renality impaired between 2 There is limited experience in patients with renal impairment Declassed plasma clearance increased ALD values and prolonged bleeding times can occur in renals impaired patients. In controlled clinical irrats on unerproted or problems have been encountered in patients having mild renal impairment, and there is no experience with obage adjustment in patients with greater depress of renal impairment. Nevertheless for renally impaired patients, it may be necessary to require the obasige of inclinical or discontinue in allogether if nemorrhagic or hematopoietic problems are encountered (see CLINICAL PARAMACOLOGIES).

or uncontinue it allogether if hemorrhagic or hematopoietic problems are encountered use Chillical PhARAMACOL DOCY.

Information for the Phatient (see PPI): Patients should be tool that a decisate in the number of white blood cess received pean or patients. The property of the property

gastrointesmal discomform. Leboratine Parties in the Familia Parties of alkaline posphasase and transaminases which generally occurred within 1 to 4 months of inerapy institution of alkaline posphasase ignates than the bitmost open rimit of normally was 7 6% in histopodine patients. 6% in obacido patients and 2.5% parties patients from the indicated of elevated AST (ISGOT) (greater han two times toget find of normally as 3.1% patients and 2.5% in aborting patients. 80 progressive increases were observed in 50 patients and concentration of the patients of t

rubin ed on postmarketing and clinical trial experience, liver function testing, including SGPT and GGTP should nsidered whenever liver dystunction is suspected, particularly during the first 4 months of treatment.

be considered whenever were destined in experience, when unknown testing including SSP1 and SSP1 should be considered whenever were optimization is suspected, particularly during the list a formation of transmission of the property of the

paragrams. Administration of inclopidine hydrochloride after antacids resulted in an 18% decrease in plasma levers of inclopidine by 50%. Different administration of intended in endurance of a simple dose of biclopidine hydrochloride by 50%. Different coadministration of inclopidine hydrochloride by 50%. Different coadministration of inclopidine hydrochloride in a simple dose of biclopidine hydrochloride in the state of the coadministration of inclopidine hydrochloride resulted in a significant exception of the coadministration of inclopidine hydrochloride resulted in a significant increase many distinctions included in a significant increase many distinctions of the coadministration of the co

Included the hydrochemic was made goth specific metaction studies were not performed in clinical studies without evidence of clinically spidincari advices without evidence of clinical spidincari and controlled traits. Including the controlled traits including the properties of the controlled traits including hydrochloride with follows seconomic amounting spiritories and in controlled traits including the properties. In the controlled traits including the properties of the controlled traits including the properties. In the controlled traits including the controlled traits in

between the ederly and younger palents, but greater sensitivity of some older individuals cannot be ruled out. ADVERSE REACTIONS:

ADVERSE REACTI

Percent	of Patients With Adver	se Events in Controlled	Studies
Event	Ticlopidine Hydrochioride (n=2048) Incidence	Aspirin (n=1527) Incidence	Placebo (n×536) Incidence
Any Events Durrhea Nausea Nausea O'sspensa Rast Gi Pain Neutropenia Purpura Vomiting Falutience Purrius Dizzness Abnormal Livel Function test	60.0 (20.9) 12.5 (6.3) 7.0 (12.6) 7.0 (11.1) 5.1 (13.4) 3.7 (1.9) 2.4 (1.3) 2.2 (10.2) 1.9 (1.4) 1.5 (0.1) 1.3 (0.6) 1.1 (0.4) 1.0 (0.4)	53.2 (14.5) 5.2 (1.8) 6.2 (1.19) 9.0 (2.0) 1.5 (0.6) 5.6 (2.7) 0.8 (0.1) 1.6 (0.1) 1.4 (0.9) 1.4 (0.3) 0.3 (0.1) 0.5 (0.4) 0.5 (0.4)	34 3 (6 1) 4 5 (1 7) 1 7 (0 9) 9 9 (0 2) 0 6 (0 9) 1 3 (0 4) 1 1 (0 4) 0 0 (0 0) 0 9 (0 4) 0 0 (0 0) 0 0 (0 0) 0 0 (0 0) 0 0 (0 0) 0 0 (0 0)

Incidence of discontinuation regardless of relationship to therapy, is shown in parentness.

Hornatological: Neutropena/thrombocytosenia 'TP isse 80XED WARNING and WARNINGS: agranulocytosis cosmopnia: parcytopena thrombocytosis and bone-marrow depression have been reported.

eosmophila parcivoena Inrombocytosis and bone-marrow oepression have been reported.

Castroiniteatinal: Ticlopidine hydrochloride therapy has been associated with a variety of pastrointestinal companies including diarries and nausea. The majority of cases are mid-but about 13% of patients discontinued therapy because of these. They usually occur within 3 months of initiation of therapy and hydrauly are resolved within 1 to 2 weeks without discontinuation of therapy this fire effect is severe or persistent. Therapy is solved the property of the property

1	Diarrinea	125(63)	52 (18)	<ul> <li>In the Land of the Control of the Control</li></ul>	
١				12.2	
1	Nausea	7.0 (2.6)	62(19)	17:05	
1	Dyspepsia	7.0 (1.1)	90(20)	09(02)	
١	Rash	51(34)	15(08)	06:09	
١	GI Pare	37(1.9)	56(27)	13(04)	
١	Neutropenia	2 4 (1.3)	0.8 (0.1)	11(04)	
1	Purpura	2.2 (0.2)	1.6 (0.1)	00100	
1	Vomiting	1.9 (1.4)	14(09)	09:04	
ļ	Fiatulence	1.5 (0.1)	1 4 (0.3)	001001	
١	Prundus	1.3 (0.8)	0.3 (0.1)	00100	
1	Dizziness	11(04)	0.5 (0.4)	001001	
í	Anorexia	1.0 (0.4)	0.5 (0.3)	00100	
1	Abnormal Liver		to Alaska a District		
1	Function lest	10(07)	0.3 (0.3)	00100	

Incidence of decontinuation, regardess of relationship to therapy, is shown in parenthesis. Hermanologicals, Neutroponal without present the street of the s

reported postmarreting.

Reach: Toloobien has been associated with a maculopabular or untricarial rash (often with pruntus). Rash usually occurs within 3 months of inficiation of hierapy with a mean onset time of 13 days. If dury is discentinued, recovery occurs within servar agris. Manir rashes of hori forcur in drug retrainlengl. Piner have been rare reports of severe rashes; including Streens-Johnson syndrome enthema multiforme and exfoliative permantis.

Leas Fraquent Adversar Resoctions (Probably Related): Clinical adverse experiences occurring in 0.5% to 1% of patients in the controlled that include:

Digestine System GI fullness Skin and Appendages urticaria Nervous System headache Body as a Whole asthenia pain Hemostatic System apistaxis Special Senses Hinnitis

In addition tarer relatives serious events have also been reported from postmarketing experience Hemoritic anemia with retriculocitosis: adiastic anemia immure thromboxirobenia hepatitis, hepaticiciliuri auunicic cholestatic jaunore, hepatic necrosis pedici usier rena lauriur enprofici syndrome hyponaterima vascullis seasis: angiocedema airerac oneumonitis, systemic lugus (positive ANA) peripheral neuropathy serum schessa antropolity) addimyosis.

sekinesi antriopality and mysoitis.

OverRODSAGE:

One case of deliberate overrosage with inclopedine hydrochloride has been recorded by a loregin dostimarketing surpeillance program. A 88-version make took a single 6000-mg dose of Inclodidine indirectionide recovarient to 24 standard 250-mg labels. The only applications of the control of the contro

abnormal gail

DOSAGE AND ADMINISTRATION:
The recommended dose of Incorpointe hydrochloride is 250 mg bid taken with lood. Other doses have not been studied in controlled mals for these indications.

MOW SUPPLIED:

Teropoline Hydrochiotide Tabets are supplied as follows:

Teropoline Hydrochiotide Tabets are supplied as follows:

250 mg — Each unscored where oval film coated tabets debessed with e on one side and 61% on the other

250 mg — Each unscored where oval film coated tabets are supplied in bottles of 30 (MDC 0228
251-03; 60: MOC 0228-251-06; and 100: MDC 0228-2513-11).

Dispense in a light leght-resistant locationer as optimized in the USP.

Store at controlled from temperature 15\*-30\*C (59\*-86\*F).

## R only

Manufactured by PUREPAC PHARMACEUTICAL CO Enzabeth NJ 07207 USA

40-8823

Revised - August 1999

## PHARMACIST — DETACH HERE AND GIVE PATIENT INFORMATION SHEET TO PATIENT

retaxion within the less's mooths, you will stail medit to have you though responsible for an additional? a weeks after you have support taxing student hydrochrone. A few people may develop punche a will have been greated with incliquidine hydrochrone in exposit of punches are yellowing of the same or the incliquidine hydrochrone for the spoys of punches of the eyes or constant daswering in the young or pulphorning in the same or the punches of the eyes or constant daswering the eyes of the eyes or constant daswering the eyes of the eyes or constant daswering the eyes of the

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